

Kurchatov, P. A.
CONTRIBUTION TO THE STUDY OF MINERAL
PHOSPHATES. [1962] 18p. 13 refs.
Order from OTS or SLA \$1.60

63-10063

Trans. of Udobrenie i Urozhai (USSR) 1931, v. 3,
no. 11/12, p. 1058-1067.

DESCRIPTORS: *Phosphates, *Minerals, *Soils,
Acids, Solubility, Aluminum compounds, Iron
compounds, Chemical analysis, Absorption,
*Fertilizers.

(Agriculture--Plant Cultivation, TT, v. 9, no. 11)

63-10063

I. Kurchatov, P. A.

Office of Technical Services

To Increase Production and Improve the Quality of
Mineral Fertilizers, by I. I. Karatayev.

RUSSIAN, per, Udobrenie i Urozhai, Vol I, No 1,
Jan 1956, pp 7-10. CIA D 507624

USDA

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USSR

Econ - Agriculture

Sci - Biology

Jun 56 CTS/dex

More Fertilizers for the Fields, by N. D. Smirnov.

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Jan 1956. CIA D 507623

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Jun 56 CTS/dex

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About the Use in Agriculture of Liquid Nitrogen
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pp 20-24. CIA D 515377

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Jul 1956

Entry of Sulfur Into Plants During Root or Leaf-
Feeding, by I. V. Mosolov, L. P. Volleydt

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No 8, 1956, pp 13-17. CIA 9007514

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Sci - Biology
Jan 57 CTS

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Field Laboratory for Soil and Plant Analysis, K. P.
Magnitskiy,

RUSSIAN, per, Udobrenie i Urozhai, Vol I, No 10,
Oct 1956, pp 23-32. CIA D 9008120

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Sci - Biology

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Mar 57 CTS/dex

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Utilization of Superphosphate by Corn in the
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P. M. Smirnov.

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1956, pp 35-39. CIA 560188

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Sci - Biology

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Significance of Nitrogen in the Agriculture of
the USSR, by A. Peterburgskiy,

RUSSIAN, per, ~~Uchobnaya i Urozhai~~, No 11, 1957,
pp 16-25.

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Early Fulfillment of the Seven-Year Plan for the
Production of Mineral Fertilizer, by Ye. A.
Sokolova, 6 pp.

RUSSIAN, per, Udobreniya i Urozhay, No 8, 1959,
pp 1-7.

JPRS-1104-D

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Econ - Technological - Agriculture

Jan 9 60

106,300

(NY 3520).

Discussion of Results of Geographical Grid Tests by
the All-Union Scientific Research Institute of
Fertilizers and Soil Science (VIUA), by N.
Mikhaylov, 2 pp.

RUSSIAN, per: Udobreniye i Urozhay, 1959, No 9,
p 61.

JPRS 2415

Sci - Biology

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(NY-3520).

International Conference of Specialists on the
Production and Use of Fertilizers, § by I. I.
Sinyagin, 5 pp.

RUSSIAN, per, Udobreniye i Urozhay, No 10, 1959,
pp 63, 64.

JPRS 2415

Sci - Biology
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Angular Correlation Between π -Mesons and Leptons
and Determination of Form-Factors in K-Decay,
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RUSSIAN, rpt, Usloviya Korrelyatsiya Mezhd-
Mezonami i Leptonomi i Opredelenie Form-Faktorov v
Kuz-Raspad, Moscow, 1964, 9 pp.

*AEC

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May 68

Angular Beta-Gamma Correlation in the Decay of ^{140}La
and ^{140}Ce , by V. P. Rudakov, 4 pp.

RUSSIAN, ^{bk} ~~bk~~, Uglovaya β - γ -Korrelyatsiya pri Raspade,
1960. 9094537

AEC Tr-4720

Sci - Phys
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The Peoples of Latin America in the Struggle for Independence, Democracy, and Peace, by M. Danilevich, 99 pp.

Full tr

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House of Political Literature, Moscow, 1973, pp 458-540.

36785 36,521 CIA/FDD U-8397

LA - Latin America; NoA - US; USSR

Pol; Econ - Communist parties in the struggle against

Methane Control in Coal Mines by Means of
Methane-Consuming Bacteria, by A. Z. Yurovskiy,
et al. UNCL

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Determination of the Methane Content of
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Sept 84 TN7 E57
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Sci - Min/Met, mining
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No 10, 2 $\frac{1}{4}$ pp, 1948

"New Books and Articles on Mining Engineering"

Proj 1596

T-267

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Experimental Operation of One of the First Small
Gauge Electric Locomotives Type AK-1, P. M.
Yakovlev, UNCLASSIFIED

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Sci Mus Lib No 52/2943

Scientific - Engineering

25 October 1952

Prospects of the Development of Automation
of Production Processes in the Coal Mining
Industry, by V. N. Berstel. UNCL

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DSIR Lending Library Unit M.52

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Obukhovskiy, Y. M.
PRODUCTION OF BLAST FURNACE COKE WITH-
OUT COALS OF MARK P.S. [1961] [13]p. 3 refs.
T/L 766; [DSIR LLU] M.2086.
Order from LC or SLA mi52.40, ph\$3.00 61-13443
Trans. of Ugol' (USSR) 1950 [v. 25] no. 12, p. 50ff.

61-13443

1. Coke--Production
2. Blast furnaces--Operation
- I. Obukhovskiy, Y. M.
- II. Trans-T/L-766
- III. DSIR LLU M.2086

100500

Office of Technical Services

(Materials--Fuels, TT, v. 5, no. 12)

Limiting Charge of Explosives in Gas-Endangered
Coal Mines, by A. I. Seleznev, 8 pp.

RUSSIAN, per, Ugol', Vol XXVI, No 5, 1951,
pp 29-30.

Sci Tr Center
RT-3823

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Sci - Fuels, ~~Engineering~~

Aug 1956

Lyubimov, B. N.
DE GRONDSLAGEN VAN DE MECHANICA VAN EEN
VANGRICHTING VOOR SCHACHTKOOIEN, DIE
WERKT DOOR WRIJVING LANGS GELEIDINGSBOMEN
(Fundamentals of the mechanics of a gripping device
for pit cages, functioning by friction along air guides).
15p. MTWL: 597. (Text in Dutch).
Order from OTS or ETC \$1.85

61-17292

Partial trans. of Geol (USSR) 1951, v. 26, no. 9,
p. 18-22.

DESCRIPTORS: *Hoists, Mining engineering, *Self-
locking fasteners, Theory, *Safety devices.

61-17292

- I. Lyubimov, B. N.
- II. MTWL-597
- III. Stichting Moettijk
Toegankelijke Wetenschap
pelijke Literatuur

Office of Technical Services

Mastering the Technology of Underground Hy-
draulic Extraction of Coal in Industrial Prac-
tice, by V. S. Muchnik.

RUSSIAN, per, Ugol, Vol XXVII, No 4 (313),
1952, pp 12-14.

CTG 63-1790-1
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Br of Bituminous Coal Res
Washington. No 63

Sci - Engr
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Rock Bursts in the Mines of the Kizel Basin,
by S. G. Avershin, S. E. Grigor'ev, 21 pp
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pp 1-10.

Sci TR Center
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Scientific - ~~XXXXXXXX~~ Engineering

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Determining Signs with Microseismic
Instruments Which Warn of Sudden Outbursts
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CFSTI IT 64-19930

Aug 65

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Estimation of the Suitability of Coals for
Briquetting and the Classification of Coals
According to Diagrams of Compression, by I. D.
Remennikov

RUSSIAN, per, ~~Magx~~ Ugol, Vol XXVIII, No 10, 1953,
pp 27-30.

Insdoc T.833

Scientific - Fuels

Indian Natl Sci Doc Center, Natl Physical Lab
of India, Hillside Road, New Delhi 12, India

29,717

Kalachnikov, A. Ya. and Mashkevich, K. S.
NOUVEAUX COFFRES À HAUTE TENSION DU TYPE
VI aP-6 POUR CHARBONNAGES (Novye Vysokovol'tnye
Yashchiki Tipa VYaP-6 Dlya Ugol'nykh Shait) (New
High Tension Box of the Type VIaP-6 for Coal-mining).
10p. (Foreign text included) (foreign text included)
Order from OTS or ETC \$1.00 62-26313

Trans. in French of Ugol' (USSR) 1954 [v. 29]
no. 5, p. 35-37.

DESCRIPTORS: *Voltage dividers, Vehicles, Mining
engineering.

(Engineering--Electrical, TT, v. 9, no. 8)

62-26313

- I. Kalachnikov, A. Ya.
- II. Mashkevich, K. S.
- III. Centre National de la
Recherche Scientifique
(France)

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Forces Involved in Coal Cutting, by S. S. Makrasov.
UNCL

RUSSIAN, per, Ugol, No 11, 1954, pp 18-24.

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Sci - Engr

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Extraction Above and Below Seams Liable to
Sudden Outbursts, by A. P. Fedotov,

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pp 17-21.

Nat'l Coal Board Tr A 1055/EEH
U. S. Bureau of Mines
Central Experimental Station
Pittsburgh, Pa.

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Sci - Engr

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Determination of the Rate of Gas Emission as a
Method of Detecting Zones Liable to Sudden
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RUSSIAN, per, Ugol, Vol XXIX, No 12, 1954,
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Nat'l Coal Board Tr A 1056/BSH
U. S. Bureau of Mines
Central Experiment Station
Pittsburgh, Pa. 171,515

Sci - Engr

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EXPERIENCIA DE LA UTILIZACION DE CARGAS
EXPLOSIVAS DE DIAMETRO SUPERIOR AL NORMAL
(Opyt Primeneniya Zarydov Uvelichenogo Diametra)
(Tests in the Utilisation of Explosives Charges of
Larger than Normal Diameter). 12p. CID: 62-300.
Order from OTS, ETC or CID \$0.80 62-29300

Trans. in Spanish of Ugol' (USSR) 1955, v. 30, no. 2,
p. 41-42

DESCRIPTORS: Tests, *Chargers (Explosive).

(Engineering--Ordnance, TT, v. 10, no. 7)

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Madrid (Spain)

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~~Set - Min. Met~~

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The Determination of the Optimum Depth of
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Sinking, by S. N. Osipov.

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Nat'l Coal Board Tr A 1047/SSH
U.S. Bureau of Mines
Central Experimental Station
Pittsburgh, Pa.

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Sci - Engr

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Hydraulic Transport of Coal in Horizontal
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Central Experiment Station
Pittsburgh, Pa.

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Investigation Into the ~~the~~ Selection of a Rational
Technology for the Purpose of Sluicing Coal
Seams in the Hydraulic Mechanization of Coal
Faces, by G. P. Nikonov.

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Relation Between the Length of a Longwall Face
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by S. N. Osipov.

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Aug 62

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The Tasks Facing the Students of Rock Pressure in
Connection With the Demands of Industry, by L. D.
Shevinkov.

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Sci - Engr

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The Determination of the Strength of Mine Rocks
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The Economic Assessment of Coal Losses,
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OTS 62-15271

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Effective Utilization of Electric Centralization
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The First Project for a Long Distance Coal Pipeline,
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*SECRET
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Sci - Engr

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Influence of the Speed of the Air Current on the Dust
Content of the Air at the Face, by Zaitzev, Heifits.

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The USSR - the Country of Under Gasification
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Improving the Technology of Hydraulic Mining, by
M. N. Markus.

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Lowering the Ventilation Resistance of Mine
Shafts, by G. V. Stefanovsky. UNCL

RUSSIAN, per, Ugol, Vol XXXIII, No 1, 1958,
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DSIR LNU M.1431

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Sci - Engr
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Classification of Coals by the Adhesion Hy-
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RUSSIAN, per, Ugol, No 1, 1958, pp 35-38.
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Sci-~~XXXXXXXXXX~~Mech
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(NY-3120).

N. A. Chinakal, Corresponding Member of Academy
of Sciences USSR (70th Birthday), by N. V.
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JPRS-L-1106-N

Sci - Misc
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R-1994

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The Development of Output and Coal Consumption in
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by V. I. Sin'ko, 12 pp.

RUSSIAN, no per, Ugol', No 2, Moscow, Feb 1958,
pp 43-47.

US JPRS/DC-L-533

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Econ-Coal Industry

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A Method of Calculating Safety Pillars Under
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RUSSIAN, per, Ugol, Vol XXXIII, No 3, 1958,
pp 22-24.

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Sci - Engr

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Development of the Coal Industry in the Chinese
People's Republic, by A. K. Kharchenko, 15 pp.
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US JPRS/DC-373

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Econ - Coal Industry
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The Energy Consumed in the Process of
Cutting Coal With Mining Machines, by
N. N. Ignatov. UNCL

UGOL, 5, 1958,
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pp 16-19.

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Sci - Engr; Phys
Feb 60

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Crushing of Coal Occurring as a Result of a
Sudden Gas Outburst, by V. A. Yartsev. **UNCL**

RUSSIAN, per, Ugol, Vol XXXIII, No 5, 1958,
pp 35-36.

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Sci - Engr, mining
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N.C.B. A. 1570

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Loosening the Seam by Shotfiring in Hydraulic
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pp 11-16.

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Sci - Engr

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On the Choice of Methods, Calculation Diagrams
and Initial Data for Analytical Research in the
Rock Pressure Field, by G. A. Krupennikov. UNCL

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Sci - Engr
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The Investigation of Rock Pressure Phenomena
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Sci - Geophys, geology
Sep 59

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Solving Certain Problems in the Mechanics of Rocks,
by E. T. ~~Evgenii~~ Proyavkin. UNCL

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Sci - Geophys, geology
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Test Application of the Load-Relief Method for
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Sci - Engr; Geophys
Sep 59

USSR Materials and Materials Processing Equipmt
(5)

On the Use of Existing and Introduction of
New Equipment in the Coal Industry of the
Tal'skiy Economic-Administrative Region, by
I. M. Kratenko.

RUSSIAN, per, Ugol', No 9, Moscow, Sep 1958,
pp 1-3.

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Econ - Technological, coal industry
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RUSSIAN, per, Ugol, No 9, E Moscow, Sep 1958, pp 1-3.

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Dec 58

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Calculation of Rock Pressures in Vertical
Mine Shafts, by Yu. A. Onishchenko. UNCL

RUSSIAN, per, Ugol, Vol II, No 9, 1958,
pp 12-15.

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Sci - Geophys; Engr

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On Shortcomings in the Planning of Coal Mines,
by G. V. Krasnikovskiy, 10 pp.

RUSSIAN, per, Ugol', No 10, 1958, pp 5-8.

JPRS-1734-N

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Econ - Technological - USSR Industry

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Lowering the Ventilation Resistance of Mine
Shafts, by Stefanowsky.

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Sci -
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On the Prospects for the Development of the
Coal Industry of Eastern Siberia, by M. A. S
Shchedrin, *JP*

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Babokin, 10 pp.

RUSSIAN, per, Ugol', No 12, 1958, pp 4-7.

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Dewatering Coal Flotation Products Using
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CRL/T. 1962

Sci -
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Strata Pressure in Level Seams Worked by Hydraulic
Mining, by Yu. D. Belov, et al.

RUSSIAN, per, Ugol', No 1, 1959, pp 33-36.

FIL N. 3288

Sci - ~~Mim~~/Metals

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FERTEL'MEISTER Ya. N., et al.

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Benutzung von Betastrahlen zum Messen der Dicke der angelagerten Kohlenstaubschicht

Ugol', 34, No. 1, 48-50 (1959)

Nt, 1960/61, No. 177 - German

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NLL Ref: 9022.66 (A.1911)

Sci-Elec Engr
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Recent Experience of the No. 4 Hydraulic Mine
Orkhonikidzeugel Trust, by Z. O. Shokrin.

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Sci - Engr

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PORTANT MEANS OF FULFILLING THE OB-
JECTIVES OF THE CURRENT SEVEN-YEAR PLAN.
[1961] [10]p. [NCB] Trans. A. 1816/SEH; [DSIR LLU]
M 3136.

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